



NEW PATENT APPLICATION



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Wei-Zen CHEN

Application No.: New U.S. Patent Application

Date sent for filing: July 2, 2003

Attorney Dkt. No.: 003-03-016

For: FREQUENCY SYNTHESIZING CIRCUIT

NEW PATENT APPLICATION

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

July 2, 2003

Commissioner:

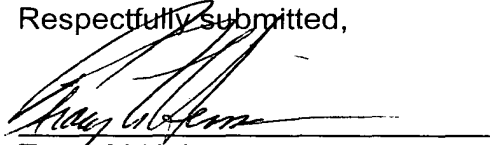
Applicant respectfully requests that a filing date be granted to this filing and herein provides the appropriate documentation. Included is:

1. Certificates of mailings for all documents (1 page)
2. Letter to the Commissioner regarding the application (2 pages)
3. Utility Patent Application Transmittal form (1 page)
4. Declaration for Patent Application and Appointment of Attorney (1 page)
5. Patent Application Fee Determination Record, PTO/SB/17 (1 page)
6. Fee transmittal form in duplicate (2 pages)
7. Small Entity Status Verification by an independent inventor (1 page)

8. Specification (7 pages), claims (1 page), Abstract of the Disclosure (1 page) and formal drawings (4 pages)
9. Business check in the amount of \$375.00
10. Self Address, stamped return post card setting forth the above.

Please charge any fee deficiency or credit any overpayment with respect to this paper and or this application to Apex Juris, pllc. Deposit Account No. 50-2069.

Respectfully submitted,



Tracy M Heims
Registration No.53,010

APEX JURIS, pllc
13194 Edgewater Lane Northeast
Seattle, Washington 98125
Email: tracy@apexjuris.com
Tel: 206-664-0314
Fax: 206-664-0329

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	003-03-016
First Inventor	Wei-Zen CHEN
Title	FREQUENCY SYNTHESIZING CIRCUIT
Express Mail Label No.	

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- ☒ Applicant claims small entity status.
See 37 CFR 1.27.
- ☒ Specification [Total Pages 9]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 4]
- Oath or Declaration [Total Pages 1]
 - ☒ Newly executed (original or copy)
 - ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - ☐ Computer Readable Form (CRF)
 - Specification Sequence Listing on:
 - ☐ CD-ROM or CD-R (2 copies); or
 - ☐ paper
 - ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- ☐ Assignment Papers (cover sheet & document(s))
- ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
- ☐ English Translation Document (if applicable)
- ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
- ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
- ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- ☒ Other: verified statement by an independent inventor claiming small entity status...

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____ / _____

Prior application information:

Examiner: _____

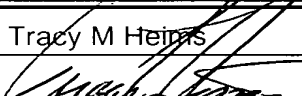
Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label 35870 (Insert Customer No. or Attach bar code label here) or ☐ Correspondence address below

Name	Apex Juris, PLLC				
Address	13194 Edgewater Lane Northeast				
City	Seattle	State	Washington	Zip Code	98125
Country	U.S.A.	Telephone	206-664-0314	Fax	206-664-0329

Name (Print/Type)	Tracy M Heims	Registration No. (Attorney/Agent)	53,010
Signature		Date	07/02/2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.


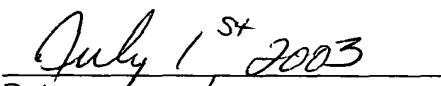
CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8
FOR: NEW PATENT APPLICATION
THE FOLLOWING DOCUMENTS INCLUDED:

1. Certificates of mailings for all documents (1 page)
2. Letter to the Commissioner regarding the application (2 pages)
3. Utility Patent Application Transmittal form (1 page)
4. Declaration for Patent Application and Appointment of Attorney (1 page)
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9. Business check in the amount of \$375.00
10. Self Address, stamped return post card setting forth the above.

I hereby certify that this correspondence is being deposited with the United States Postal Service, with sufficient postage as First Class Certified Mail, Return Receipt Requested, Label #7002 2410 0005 7487 5015, with sufficient postage, in an envelope addressed to:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

On July 2, 2003


Tracy M Helms
Reg.# 53,010

Date: _____

Apex Juris, PLLC
13194 Edgewater Lane Northeast
Seattle, Washington 98125
Email: tracy@apexjuris.com
Phone: 206-664-0314
Fax: 206-664-0329

PATENT APPLICATION FEE DETERMINATION RECORD						Application or Docket Number 003-03-016	
CLAIMS AS FILED - PART I						SMALL ENTITY OR OTHER THAN SMALL ENTITY	
(Column 1)		(Column 2)		(Column 3)		(Column 4)	
FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE	RATE	FEE	OR
BASIC FEE (37 CFR 1.16(a))				375		\$ _____	OR
TOTAL CLAIMS (37 CFR 1.16(c))	4 minus 20 = *	0	x \$ _____ =		x \$ _____ =		OR
INDEPENDENT CLAIMS (37 CFR 1.16(b))	2 minus 3 = *	0	x _____ =		x _____ =		OR
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))			+ _____ =		+ _____ =		OR
			TOTAL	375	TOTAL		OR
CLAIMS AS AMENDED - PART II						SMALL ENTITY OR OTHER THAN SMALL ENTITY	
(Column 1)		(Column 2)		(Column 3)		(Column 4)	
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI-TIONAL FEE	RATE	ADDI-TIONAL FEE
Total (37 CFR 1.16(c))	*	Minus	**	x \$ _____ =		x \$ _____ =	
Independent (37 CFR 1.16(b))	*	Minus	***	x _____ =		x _____ =	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				+ _____ =		+ _____ =	
				TOTAL		TOTAL	
(Column 1)		(Column 2)		(Column 3)		(Column 4)	
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI-TIONAL FEE	RATE	ADDI-TIONAL FEE
Total (37 CFR 1.16(c))	*	Minus	**	x \$ _____ =		x \$ _____ =	
Independent (37 CFR 1.16(b))	*	Minus	***	x _____ =		x _____ =	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				+ _____ =		+ _____ =	
				TOTAL		TOTAL	
(Column 1)		(Column 2)		(Column 3)		(Column 4)	
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI-TIONAL FEE	RATE	ADDI-TIONAL FEE
Total (37 CFR 1.16(c))	*	Minus	**	x \$ _____ =		x \$ _____ =	
Independent (37 CFR 1.16(b))	*	Minus	***	x _____ =		x _____ =	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				+ _____ =		+ _____ =	
				TOTAL		TOTAL	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case.

Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL
for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 375.00**Complete if Known**

Application Number	
Filing Date	
First Named Inventor	Wei-Zen CHEN
Examiner Name	
Art Unit	
Attorney Docket No.	003-03-016

METHOD OF PAYMENT (check all that apply)☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit Account Number
50,2069Deposit Account Name
Apex Juris, pllc

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☐ Charge any additional fee(s) during the pendency of this application☒ Charge fee(s) indicated below, **except for the filing fee** to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	375.00
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$) 375.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims 4 -20** = 0 x Fee from below = 0

Independent Claims 2 -3** = 0 x Fee from below = 0

Multiple Dependent Claims = 0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0.00

**or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65			Surcharge - late filing fee or oath	
1052 50	2052 25			Surcharge - late provisional filing fee or cover sheet	
1053 130	2053 130			Non-English specification	
1812 2,520	1812 2,520			For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*			Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*			Requesting publication of SIR after Examiner action	
1251 110	2251 55			Extension for reply within first month	
1252 410	2252 205			Extension for reply within second month	
1253 930	2253 465			Extension for reply within third month	
1254 1,450	2254 725			Extension for reply within fourth month	
1255 1,970	2255 985			Extension for reply within fifth month	
1401 320	2401 160			Notice of Appeal	
1402 320	2402 160			Filing a brief in support of an appeal	
1403 280	2403 140			Request for oral hearing	
1451 1,510	1451 1,510			Petition to institute a public use proceeding	
1452 110	2452 55			Petition to revive - unavoidable	
1453 1,300	2453 650			Petition to revive - unintentional	
1501 1,300	2501 650			Utility issue fee (or reissue)	
1502 470	2502 235			Design issue fee	
1503 630	2503 315			Plant issue fee	
1460 130	1460 130			Petitions to the Commissioner	
1807 50	1807 50			Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180			Submission of Information Disclosure Stmt	
8021 40	8021 40			Recording each patent assignment per property (times number of properties)	
1809 750	2809 375			Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375			For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375			Request for Continued Examination (RCE)	
1802 900	1802 900			Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**SUBMITTED BY**

Name (Print/Type)

Tracy McHeims

Registration No.
(Attorney/Agent)

53,010

(Complete if applicable)

Telephone 206-664-0314

Signature

Date

July 2, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, Washington, DC 20231.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.